

## IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the present application:

1-51. (Canceled)

52. (Currently amended) An image compression apparatus for generating compressed code data of an image, the image compression apparatus comprising:

a setting unit to set a number of parts by which the image is to be divided;

a dividing unit to divide the image until the image is divided into a plurality of image parts that satisfy the dividing number set by the setting unit; and

a compressing unit to generate compressed code data by compressing the image parts divided by the dividing unit,

wherein the dividing number set by the setting unit corresponds to a transmission line capacity and an image quality level.

53. (Currently amended) The image compression apparatus as claimed in claim 52, wherein the dividing number set by the setting ~~part~~unit further corresponds to a color component~~a transmission line capacity and an image quality level.~~

54. (Currently amended) ~~The image compression apparatus as claimed in claim 52,~~An image compression apparatus for generating compressed code data of an image, the image compression apparatus comprising:

a setting unit to set a number of parts by which the image is to be divided;

a dividing unit to divide the image until the image is divided into a plurality of image parts that satisfy the dividing number set by the setting unit; and

a compressing unit to generate compressed code data by compressing the image parts divided by the dividing unit,

wherein the dividing number set by the setting unit corresponds to a transmission line capacity and a color component.

55. (Currently amended) ~~The image compression apparatus as claimed in claim 52,~~An image compression apparatus for generating compressed code data of an image, the image compression apparatus comprising:

a setting unit to set a number of parts by which the image is to be divided;

a dividing unit to divide the image until the image is divided into a plurality of image parts that satisfy the dividing number set by the setting unit; and

a compressing unit to generate compressed code data by compressing the image parts divided by the dividing unit,

wherein the dividing number set by the setting unit corresponds to a transmission line capacity and a resolution level.

56. (Currently amended) The image compression apparatus as claimed in claim 52, wherein the compressing unit uses compression complying with a JPEG 2000 standard.

57. (Currently amended) A method for generating compressed code data of an image, the method comprising:

setting a number of parts by which the image is to be divided;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and an image quality level.

58. (Currently amended) The method defined in ~~claim~~ 57, wherein the dividing number further corresponds to a resolution level~~transmission line capacity and an image quality level.~~

59. (Currently amended) ~~The method defined in claim 57A~~ a method for generating compressed code data of an image, the method comprising:

setting a number of parts by which the image is to be divided;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and a color component.

60. (Previously Presented) ~~The method defined in claim 57A~~ a method for generating compressed code data of an image, the method comprising:

setting a number of parts by which the image is to be divided;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and a resolution level.

61. (Currently amended) The method defined in claim 59[[7]], wherein generating compressed code data comprises performing compression complying with a JPEG 2000 standard.

62. (Currently amended) An article of manufacture having one or more ~~recordable~~ computer-readable storage media storing executable instructions thereon which, when executed by a system, cause the system to perform an image compression method for generating compressed code data of an image, the ~~method image~~ comprising:

setting the number of parts for dividing the image;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and an image quality level.

63. (Currently amended) ~~The article of manufacture defined in Claim 62~~An article of manufacture having one or more ~~recordable~~ computer-readable storage media storing executable instructions thereon which, when executed by a system, cause the system to perform an image compression method for generating compressed code data of an image, the method comprising:

setting the number of parts for dividing the image;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number corresponds to a transmission line capacity and a color component ~~an image quality level~~.

64. (Currently amended) The article of manufacture defined in ~~c[[C]]laim 63[[2]]~~, wherein the dividing number set further corresponds to a resolution level ~~transmission line capacity and a color component~~.

65. (Currently amended) ~~The article of manufacture defined in Claim 62~~An article of manufacture having one or more recordable-computer-readable storage media storing executable instructions thereon which, when executed by a system, cause the system to perform an image compression method for generating compressed code data of an image, the method comprising:

setting the number of parts for dividing the image;

dividing the image until the image is divided into a plurality of image parts that satisfy the dividing number; and

generating compressed code data by compressing the divided image parts,

wherein the dividing number set corresponds to a transmission line capacity and a resolution level.

66. (Currently amended) The article of manufacture defined in claim 65, wherein generating compressed code data comprises performing compression complying with a JPEG 2000 standard.